

## NOTES:

1. ADHERE ES00140-4 TO DEFLECTOR AS FOLLOWS:

- A. PRE-FIT PARTS TO DEFLECTOR. RELIEF CUTS IN LEGS OF TRIP PERMISSIBLE.  
B. CLEAN FAYING SURFACES OF DEFLECTOR USING ISOPROPYL ALCOHOL.  
C. ADHERE USING PERMATIX QUICK GEL OR EQUIVALENT.

2. REFER TO MASTER MOLD FOR CONTOURS AND DIMENSIONS NOT SHOWN.  
(REF SH. 3 FOR MASTER MOLD INFORMATION)

3. -1 ASSEMBLY EQUIVALENT TO 206-064-226-101 (BHT)  
-2 ASSEMBLY EQUIVALENT TO 206-064-226-103 (BHT)

4. PERMISSIBLE TO REMOVE MATERIAL FROM FLANGES TO PRODUCE SMOOTH EVEN SURFACE.  
MAINTAIN FLANGE THICKNESS REQUIREMENT.

5. ADHERE 407SD-100-(3/4/5/6) NEOPRENE RUBBER TO SNOW DEFLECTOR AS FOLLOWS:

- A. CLEAN SURFACE OF SNOW DEFLECTOR WITH ISOPROPYL ALCOHOL  
B. ROUGH SURFACE OF CHAFE SEAL WITH 80 GRIT SAND PAPER  
C. BOND USING 3M WEATHERSTRIP ADHESIVE OR EQUIVALENT  
D. MATCH DRILL HOLES AS NECESSARY

6. MUST MAINTAIN MINIMUM REQUIREMENTS PER NOTES 7 AND 8. DRILL HOLES.  
(REF AT MASTER MOLD INDENTATION MARKS. SEE SHEET 3 FOR MASTER MOLD P/N.)

7. MINIMUM ILLUSTRATED MATERIAL AS TRIMMED AT THIS LOCATION 0.250 INCH.

8. MINIMUM ILLUSTRATED MATERIAL AS TRIMMED AT THIS LOCATION 0.273 INCH.

9. FIT TO COWL AND TRIM -10 AND -11 COMPONENTS. ALLOW 0.10 INCH CLEARANCE  
FOR SEAL INSTALLATION.10. TRIM EXTERIOR EDGE OF 407SD-100-(3/4/5/6) NEOPRENE RUBBER TO MATCH CONTOUR  
OF 407SD-100-(1/-2) DEFLECTOR

## REVISION HISTORY

DATE	REV	DESCRIPTION	AUTHOR	CHECKED BY	APPROVED
08/01/97	N/C	INITIAL RELEASE	RHSM	LS	REB
12/14/06	A	ES00130-1 WAS 18 IN., SHT2 ADDED P/N ID. UPDATED FORMAT, ADDED DIM 1.10. ADDED NOTE 6, HOLE LOC'S ID'D AS (REF), ADDED SH 3, -10, -11 DEFLECTORS. VIEW A-A WAS ON SH 1. ADDED MASTER MOLD P/NS. SH 2: ADDED NOTE "FIT TO COWL AND TRIM." ADDED DIM 0.75. ADDED DIM R0.50 (TYP 6 PLCS).	REB	LS	REB
05/24/12	B	ADDED VENDOR P/NS APP'L TO -10, -11. ES00130-1 QTY 0.3 WAS 30". CLAIRIFIED EDGE DISTANCE SPEC SHT 2. REMOVED P/N 206SD-100-26 FROM BOM. 0.37(REF) WAS 0.43(REF), FWD FLANGE DIMS EVIDED TO ALLOW HISTORICAL ACTUAL RANGE. MOVED EDGE DISTANCE SPECIFICATIONS TO NOTES 7 AND 8. PLACED NOTE 9 ON SHT 1. SELECTED DIMS DEFINED AS REFERENCE. ADDED 90 DEGREE ANGLE, ACCEPTABLE TRIM RADII.	REB	LS	REB
3/25/15	C	UPDATED SUGGESTED VENDOR ON -10, CHANGED GLASS CLOTH WAS "3 LAYERS OF 7.3 OZ GLASS CLOTH" AND CHANGED GLASS MAT WAS 1" LAYER OF 1.5 OZ GLASS MAT".	PDM	LS	JT
3/15/22	D	REFORMATTED DRAWING. CLARIFIED AND REFORMATTED DIMENSIONS. ADDED SHEETS 4 AND 5. REPLACED ES00130-1 WITH 407SD-100-3, 407SD-100-4, 407SD-100-5, AND 407SD-100-6. MODIFIED NOTE 5 TO INCLUDE 407SD-100-(3/4/5/6) RATHER THAN ES00130-(X). ADDED NOTE 10.	DT	ZA	DT

## BOM

-1 ASSY. QTY.	-2 ASSY. QTY.	P/N	DESCRIPTION
1		407SD-100-11	RH DEFLECTOR
	1	407SD-100-10	LH DEFLECTOR
1	1	407SD-100-3	NEOPRENE RUBBER
1	1	407SD-100-4	NEOPRENE RUBBER
1		407SD-100-5	NEOPRENE RUBBER
	1	407SD-100-6	NEOPRENE RUBBER
17 IN.	17 IN.	ES00140-4	EXTRUSION RUBBER

CONFIDENTIAL INFORMATION  
THE INFORMATION AND DATA CONTAINED HEREIN IS  
PROPRIETARY AND IS SUBMITTED IN CONFIDENCE; AND  
SHALL NOT BE DISCLOSED, USED OR DUPLICATED FOR  
ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR  
WRITTEN PERMISSION OF PARAVION TECHNOLOGY, INC.

UNLESS OTHERWISE SPECIFIED  
DRAWING INTERPRETED  
PER ASME Y14.100-2004  
DIMENSIONS INTERPRETED  
PER ASME Y14.5-2009  
DIMENSIONS IN INCHES  
SURFACE ROUGHNESS:  $R_{\text{a}}$   
REMOVE BURRS & BREAK EDGES  
0.005 TO 0.015  
X  $\pm$  .1  
XX  $\pm$  .01  
XXX  $\pm$  .005  
ANGLES  $\pm$  1°  
THREADS  
INTERNAL: CLASS 2B  
EXTERNAL: CLASS 2A

APPROVALS	DATE
DRAWN DT	3/15/22
CHECKED ZA	3/15/22
APPROVED DT	3/15/22

© 2022 PARAVION TECHNOLOGY, INC.  
PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.

THIRD ANGLE PROJECTION

Paravion® Technology Inc. 2001 AIRWAY AVENUE  
FORT COLLINS, CO 80524  
www.paravion.com

DOCUMENT TITLE  
SNOW DEFLECTOR ASSEMBLY

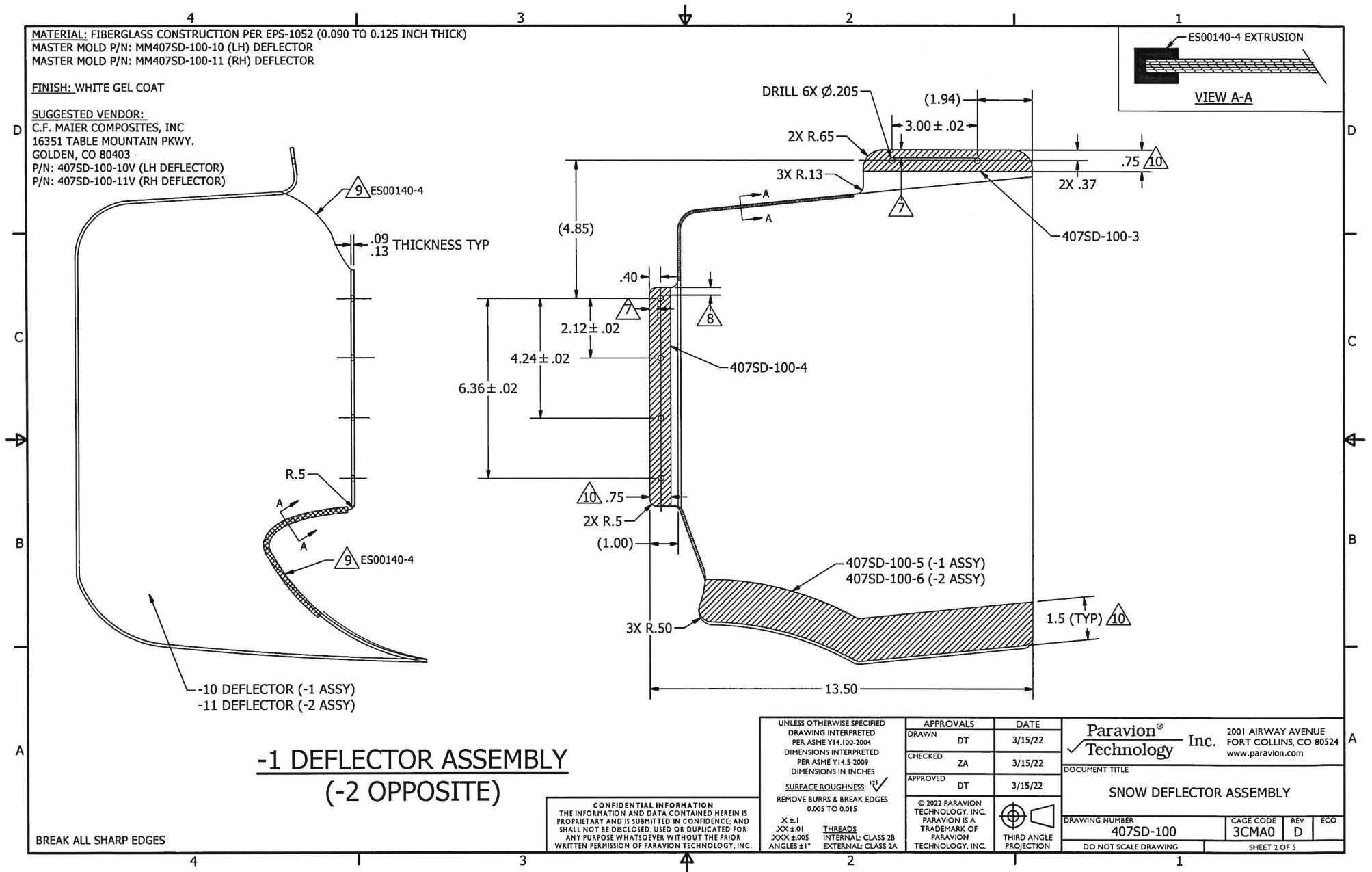
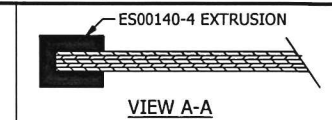
DRAWING NUMBER 407SD-100	CAGE CODE 3CMA0	REV D	ECO
-----------------------------	--------------------	----------	-----

DO NOT SCALE DRAWING SHEET 1 OF 5

MATERIAL: FIBERGLASS CONSTRUCTION PER EPS-1052 (0.090 TO 0.125 INCH THICK)  
 MASTER MOLD P/N: MM407SD-100-10 (LH) DEFLECTOR  
 MASTER MOLD P/N: MM407SD-100-11 (RH) DEFLECTOR

FINISH: WHITE GEL COAT

SUGGESTED VENDOR:  
 C.F. MAIER COMPOSTES, INC.  
 16351 TABLE MOUNTAIN PKWY.  
 GOLDEN, CO 80403  
 P/N: 407SD-100-10V (LH DEFLECTOR)  
 P/N: 407SD-100-11V (RH DEFLECTOR)




# **-1 DEFLECTOR ASSEMBLY (-2 OPPOSITE)**

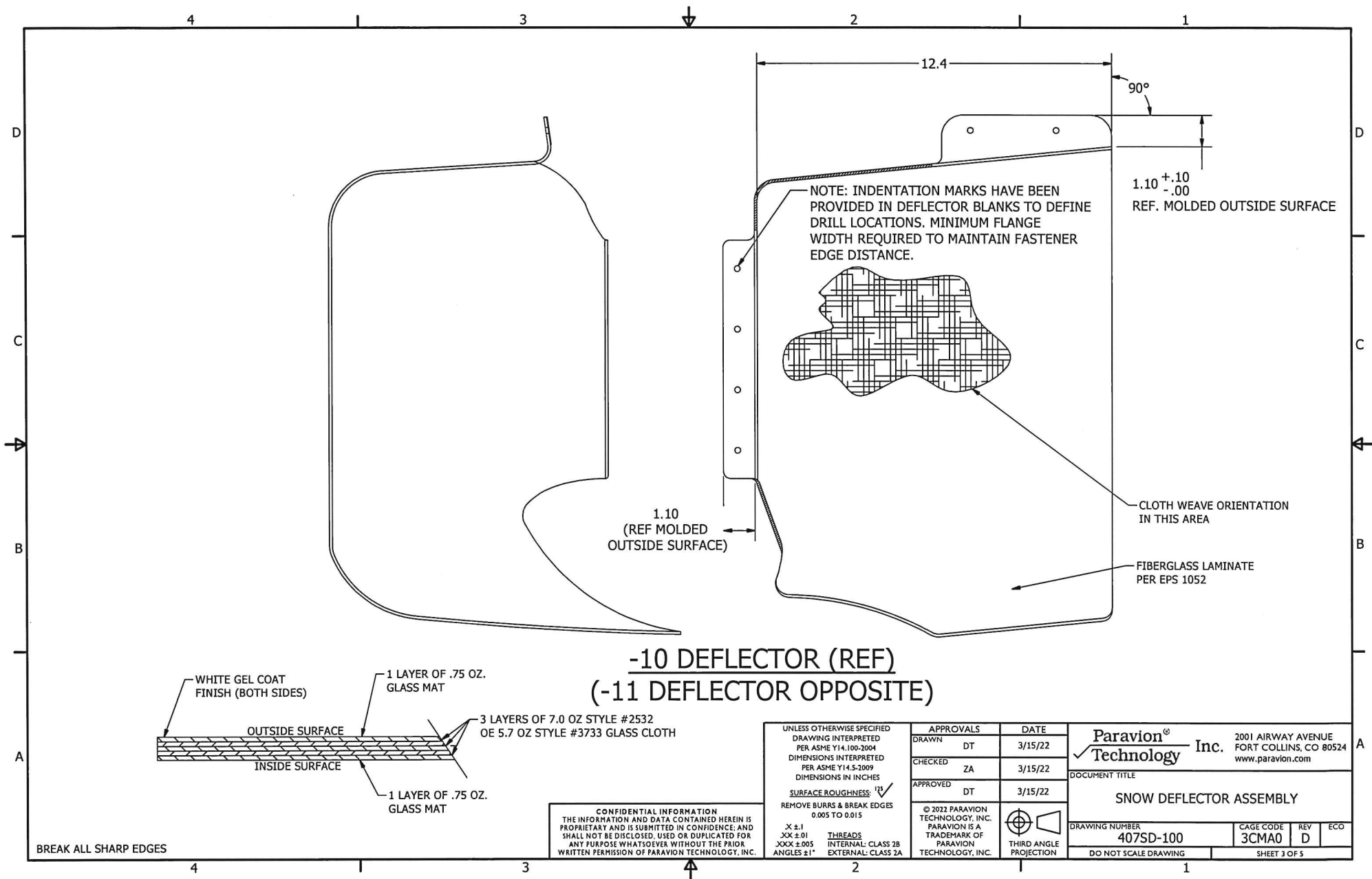
BREAK ALL SHARP EDGES

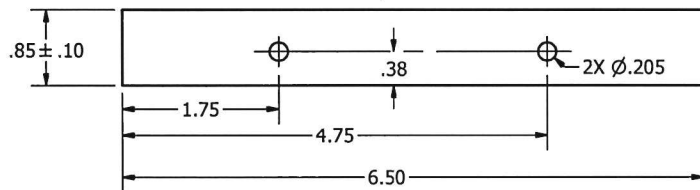
**CONFIDENTIAL INFORMATION**  
 THE INFORMATION AND DATA CONTAINED HEREIN IS  
 PROPRIETARY AND IS SUBMITTED IN CONFIDENCE; AND  
 SHALL NOT BE DISCLOSED, USED OR DUPLICATED FOR  
 ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR  
 WRITTEN PERMISSION OF PARAVION TECHNOLOGY, INC.

UNLESS OTHERWISE SPECIFIED  
 DRAWING INTERPRETED  
 PER ASME Y14.100-2004  
 DIMENSIONS INTERPRETED  
 PER ASME Y14.5-2009  
 DIMENSIONS IN INCHES  
 SURFACE ROUGHNESS:  $\sqrt{1.6}$   
 REMOVE BURRS & BREAK EDGES  
 0.005 TO 0.015  
 X ±.1  
 XX ±.01  
 XXX ±.005  
 ANGLES ±1°  
 THREADS  
 INTERNAL: CLASS 2B  
 EXTERNAL: CLASS 2A

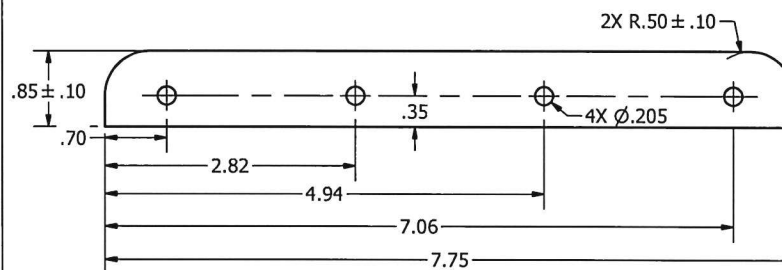
APPROVALS		DATE
DRAWN	DT	3/15/22
CHECKED	ZA	3/15/22
APPROVED	DT	3/15/22
© 2022 PARAVION TECHNOLOGY, INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.		
THIRD ANGLE PROJECTION		

 Paravion <sup>®</sup> Technology Inc.		2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com		
DOCUMENT TITLE				
SNOW DEFLECTOR ASSEMBLY				
DRAWING NUMBER		CAGE CODE	REV	ECO
407SD-100		3CMA0	D	
DO NOT SCALE DRAWING		SHEET 2 OF 5		





**407SD-100-3**  
MATERIAL: MAKE FROM ES00130-1



**407SD-100-4**  
MATERIAL: MAKE FROM ES00130-1

**CONFIDENTIAL INFORMATION**  
THE INFORMATION AND DATA CONTAINED HEREIN IS PROPRIETARY AND IS SUBMITTED IN CONFIDENCE AND SHALL NOT BE DISCLOSED, USED OR DUPLICATED FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN PERMISSION OF PARAVION TECHNOLOGY, INC.

UNLESS OTHERWISE SPECIFIED  
DRAWING INTERPRETED  
PER ASME Y14.100-2004  
DIMENSIONS INTERPRETED  
PER ASME Y14.5-2009  
DIMENSIONS IN INCHES  
SURFACE ROUGHNESS:  $R_a$   
REMOVE BURRS & BREAK EDGES  
0.005 TO 0.015  
X ± .1  
XX ± .01  
XXX ± .005  
ANGLES ± 1°  
THREADS  
INTERNAL: CLASS 2B  
EXTERNAL: CLASS 2A

APPROVALS		DATE
DRAWN	DT	3/15/22
CHECKED	ZA	3/15/22
APPROVED	DT	3/15/22
© 2022 PARAVION TECHNOLOGY, INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.		
THIRD ANGLE PROJECTION		

✓ Paravion <sup>®</sup> Technology Inc.		2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com	
DOCUMENT TITLE			
SNOW DEFLECTOR ASSEMBLY			
DRAWING NUMBER	CAGE CODE	REV	ECO
407SD-100	3CMA0	D	
DO NOT SCALE DRAWING		SHEET 4 OF 5	

